

Award Of Honor From AEC Made For Y-12 Safety

Plaque Is Fourth From Commission To UCNC Employees

Another fine honor has been conferred on the Y-12 Plant for its safety record. This latest award is the Atomic Energy Commission Award of Honor — a handsome bronze plaque to add to the already long list of tributes paid Union Carbide Nuclear Company employees in the Y-12 Plant Area for their recognition of the importance of working safely.

25th Safety Period Cited

The latest AEC Award of Honor is the fourth such award from the Commission to the Y-12 Plant. The plaque cites the completion of the 25th Union Carbide Corporation Safety Award Period that covered 3,075,427 hours of plant operations without a disabling injury that extended from July 2, 1959, to October 6, 1959.

In transmitting the Award of Honor to the Y-12 Plant, S. R. Sapirie, manager, Oak Ridge Operations for the AEC, said:

"It is a pleasure to forward the AEC Award of Honor plaque for presentation to UCNC employees at the Y-12 Plant. The repeated safety achievements of UCNC employees are commendable and are indicative of their attitude toward safe operation.

AEC Officials Congratulate Plant

"The general manager (of the AEC) has asked that the appreciation of the commission and his congratulations be conveyed to the Y-12 employees responsible for this excellent performance. I am pleased to add my congratulations to those of the general manager."



ANOTHER FINE TRIBUTE has been paid Union Carbide Nuclear Company employees in the Y-12 Plant Area with the presentation of an Atomic Energy Commission Award of Honor, shown above, for safe operations.

Credit Union Sets Semi-Annual Dividend

Boats, Motors Voted Eligible For Loans

The Y-12 Employees Credit Union board of directors last week voted to declare dividends semi-annually, instead of annually as in the past. The move was taken, the directors said, as an added incentive for savings by members and to reduce withdrawals of shares.

The first of the semi-annual dividend declarations will be made on July 1 of this year. They will be based on the share holdings of members as of that date.

The rate of the dividend will be set by the board of directors at that time. For the past few years, the annual dividend rate on dividends has been five per cent.

The Credit Union board of directors also voted to finance loans on new boats and motors for prospective borrowers. The financing will be done on the same basis as for automobiles, with a one-fourth down payment required.

Final Audubon Program Set Friday, April 1, In Ridge

The final program of the 1959-1960 Audubon Screen Tours will be presented at 7:30 p.m. on Friday, April 1, at the Jefferson Junior High School auditorium. The programs have been sponsored by the Oak Ridge Conservation Club.

The April 1 offering will be "A Missouri Story" and will be shown by Dr. Alfred G. Etter, assistant professor of fisheries and wildlife at Michigan State University. "A Missouri Story" takes the audience through the four seasons on a farm in Dr. Etter's native state. Striking scenes depict the "balance of nature" as they occur, including territorial behavior of the red-headed woodpecker, battles of the mockingbirds and the needs and delights of wild life throughout the year.

'LADY' GOING TO RUSSIA

"My Fair Lady," the musical comedy that has run for four years in New York, has been booked for a tour of Russia, a news dispatch reports. The production will be presented under auspices of the State Department as a part of a cultural exchange program.

Son Of Y-12er Is Science Fair Grand Champion; Daughter Of Another Also Is First Prize Winner

DeLong, Lawler Work Praised By Judges

If two Y-12 fathers of Oak Ridge High School seniors had their chests extended more than usual last Friday morning — they had plenty of reason for the extension. For a son of one Y-12 won not only first place in the biological science field in the Oak Ridge High School annual Science Fair, but went on to be hailed as the grand champion of the fair. Then a daughter of another Y-12er took first place in the girls' division in physical science exhibits.

Both 17 Years Old

The happy youngsters are Eddie K. DeLong, II, the grand champion; and Linda Lawler, the girls' winner. Both are 17 years old.

The fathers are E. K. DeLong, Sr., of Research Services; and Russell G. Lawler, Alpha Four Cascade Operations.

Both of the winning projects were highly praised by judges for originality, thought of preparation and subjects selected. Young DeLong's project was entitled "Growth, Identification and Sensitivity of Disease-Producing Bacteria." Miss Lawler's entry was called "Mathematics Plus Home Economics Plus Initiative Equals Formal."

Projects Well Explained

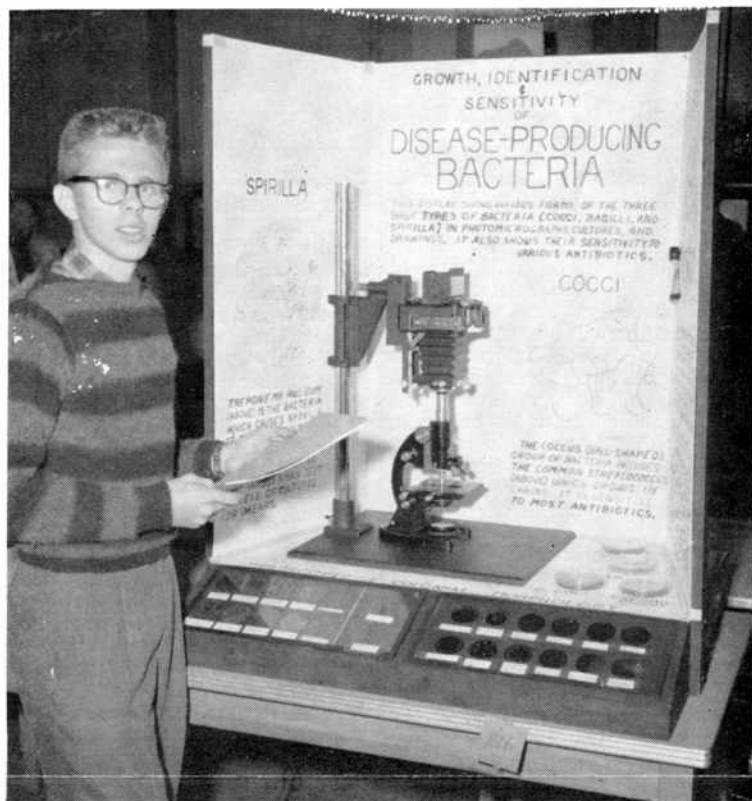
DeLong's project demonstrated in detail of text and photographs, both black and white and color, the subject of his work. He started on his project shortly after the first of the year and has put many hours of work on the display.

Miss Lawler actually completed her project more than a year ago, but did not enter the 1959 Science Fair because she believed the project too unusual and not in line with other subjects in the science field. Her display revealed how she delved into mathematics to figure out measurements for a formal dress, then turned to home economics for data on how to put the garment together, and finally initiative to complete the beautiful white dress. The display consisted of posters explaining the steps taken, a sewing kit and the finished dress.

First Effort By Both

Both DeLong and Miss Lawler were making their initial efforts in competing in the Science Fair. DeLong has won several honors in similar competitions in the Junior Academy of Science in Tennessee and is a finalist in the National Merit Scholarship contest, the re-

Continued on Page 4



THE GRAND CHAMPION PROJECT in the Oak Ridge High School Science Fair was entered by E. K. DeLong, II, son of E. K. DeLong, Sr., of Research Services. The interesting exhibit is entitled "Growth, Identification and Sensitivity of Disease-Producing Bacteria." The display earlier had won first place in the boys' biological sciences division.



FIRST PLACE IN THE GIRLS' DIVISION of physical sciences at the Oak Ridge High School Science Fair was this unique entry by Miss Linda Lawler, daughter of R. G. Lawler, Alpha Four Cascade Operations. It is entitled "Mathematics Plus Home Economics Plus Initiative Equals Formal." Miss Lawler was not at the fair site when this picture was made.



THE WHOLE FAMILY IS PROUD OF STEVE BREMAN, LEFT, who won a Certificate of Excellence for his entry in the Oak Ridge High School Science Fair. His dad, Phil Breman, Industrial Engineering, Mrs. Breman, and sister Margaret are at the right. The project was called "Aerodynamic Sound Tunnel." Young Breman had as collaborator on the project Ned Flack, son of George W. Flack, Superintendent of Industrial Relations. Young Flack was not at the fair when the picture was made.

UCNC Employees Planning To Attend Ceramics Meet

Several Union Carbide Nuclear Company employees in Oak Ridge plants and laboratories are expected to attend the Spring meeting of the Southeastern Section of the American Ceramic Society at Florence, Ala., Friday and Saturday of this week, March 25 and 26. Meetings will be held at the Holiday Inn and the program will include technical addresses, two plant visits, a social hour and banquet.

NEW TRADEMARKS LISTED

A total of 18,321 new trademarks were registered last year with the United States Patent Office.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
101 Days Or
3,256,000 Man Hours
(Unofficial Estimate)
Without A Disabling Injury
Through March 20
Phone 7755
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division Of
UNION CARBIDE CORPORATION

GEORGE W. DOBBS — Editor

OFFICE

Post Office Box Y
Oak Ridge, Tenn.

Bldg. 9704-2 Room 134
Telephones 7100 - 7109

Alphabet Development To Be Lecture Topic

Research Society Sets Talk By Dr. R. M. Fuoss

"Development of the Alphabet" will be described at a meeting of the Oak Ridge Chapter of the Research Society of America on Thursday of next week, March 31. The meeting will be at 8 p.m. at the Robertsville Junior High School and the public is invited to attend.

The speaker will be Dr. Raymond M. Fuoss, a chemist by profession who has made languages his hobby. He will trace the evolution of the present alphabet from its origin in the hieroglyphs used in ancient Egypt. He also will describe the symbols now used to write and print English back through many centuries.

Dr. Fuoss was born in Ballwood, Pa., in 1905. He received his B.S. degree, summa cum laude, at Harvard in 1925 and his Ph.D. from Brown University. He has attended the University of Munich in Germany and also Cambridge University in England. He has been a visiting professor at Farouk University, Alexandria, Egypt, in 1951; Hebrew University, Jerusalem, in 1957; and the University of Rome in 1958.

Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 years of Company Service within the next few days. No Y-12er will observe a 10th employment anniversary within the next week.

15 YEARS

Buford E. Reneau, Process Maintenance, March 26.
Woodrow A. Wiginton, Product Processing, March 26.
Frank L. Hammer, Guard, March 27.
Fred M. Pugh, General Machine Shop, March 27.
William M. Monroe, Cafeteria, March 28.
George M. Kirtland, Shift Superintendents, March 29.

Bridges Rites Held Sunday In Georgia; Died March 17

Funeral services for Joseph W. Bridges, 57, a machinist in the Y-12 General Machine Shop, were held Sunday afternoon at Coosa, Ga. He died Thursday night at the Fort Sanders Presbyterian Hospital in Knoxville following his second heart attack of the week.

His death was a shock to his fellow employees, and the entire General Machine Shop staff extends its greatest condolences to the family.

The former Y-12er came to work on August 9, 1951.

Survivors include his widow, Mrs. Laura Bridges, a teacher at the Powell Elementary School, three sisters and two brothers, all of Coosa, Ga. The family home was 5412 Newberry Lane, Cumberland Estates.

Experience may be the best teacher, but it teaches too many things folks had better not learn.



Springtime—ain't it wunnerful—BUT as this is being typed on Friday, March 18, and as Spring officially was due on Sunday, March 20, and furthermore as the capricious weather hereabouts already has driven one forecaster to hard drink—the above work of art is being published mostly as a matter of pure hoping that the idyllic scenes soon will become reality.

Speaking of the weather (you know Mark Twain once wrote that everybody talks about the weather but nobody does anything about it) the Colyum Conductor isn't going to blame the horrible conditions of the past several days for the bloop on St. Patrick's Day (wrong date) in the Colyum last week—he is going to lay it all on that overgrown leprechaun that hit the wrong key on the overworked Underwood that caused Ol' Saint Paddy to turn over in his last resting place.

Enough of the alibis—the Prop. and Gen. Mgr. of this department now will attempt to round up the chit chat around the premises without a boo-boo for a change—beginning with—

ENGINEERING

Mechanical Engineering reports two vacationers this week. **M. B. "Wimpy" Hilton** is playing the role of construction supervisor at his ranch, while **Leon Scalf** took his family to Hollywood, Fla., for a week of sunshine. . . . The **E. E. Palmers** spent the week end in Georgia. . . . The **Ben Hammers** have picked up the chickenpox news where the **L. L. Browns** left off last week. . . . **Tom Norris** thinks the stork must have kissed the Blarney stone as he failed to show up on St. Patrick's Day as expected. Easy now, Tom!! . . . The department said farewell to **Morris Clark**, who left Friday for Pennsylvania. Good luck, Morris. . . . **John Gibson** and **Charles Chihasz** have switched to the small economy size compact cars last week. . . . **Eleanor Bennett** is a bit early, but at any rate, she has the spring painting well underway at her house. . . . Friends would caution **Roy Huddleston** when going a-courtin' not to let out on the reins until safely out of town.

INDUSTRIAL RELATIONS

"Since the Boys in Blue and Gray of the Fire and Guard Department don't have anything but troubles, here's the news," says **Liz Campbell**, the Colyum's agent down that way. . . . Get well wishes are the order of business, going to Guard **S. O. Venable**, out with the mumps, and **G. Hoskins**, over there in Oak Ridge with an undisclosed ailment. . . . Likewise to Capt. **Henry "The Mouse" Krouse** in St. Mary's Hospital in Knoxville with the miseries. . . . Also to the son of Guard **F. A. Ruckart**, recovering from a recent and very tough appendectomy. . . . Likewise to Capt. **Ray Ledford**, at home convalescing from major surgery and reported "doing fine". . . . On the brighter side Guards **C. L. Cotter** and **A. E. Harvey** are welcomed back after their illnesses as is Capt. **Dave Turner**, who felled the flu bug after a fracas.

Speaking of miseries—that pale

and peaked look worn last week by the editor of this publication, one **George W. Dobbs**, resulted because he was deprived of the wifely companionship to which he has become so accustomed—his missus bust the heck out of her ankle in a home fall and was in St. Mary's Hospital in Knoxville all last week. GWD was living on his blubber and not liking it at all—but Mama was doing fine late last week and holering to go home. This item is published just to let anyone wondering why the Old Man was so cranky last week what the trouble was. P.S. She went home Monday.

MECHANICAL OPERATIONS

Being tired of so much snow, **J. L. Gilliam**, bossman of the TW Shops recently decided to go South in search of sunshine. However, to his disappointment, on arrival at Daytona Beach, Fla., he found just some more cold weather. He made a telephone call to home—and found out that on that day this section was enjoying one of its rare days of sunshine and he was missing out on that too. One just can't win, can one? . . . **H. J. Russell** was welcomed back last week after being off sick for some time. . . . However, the rapid recovery cards were going out to **E. B. Seeber**, recovering from mumps; **L. H. Russell**, **P. A. Fritts**, **G. Neal** and **L. K. Phillips**.

The Beta Four Heavy Machine Shop extends condolences to **H. C. Inman**, whose mother-in-law died last week. . . . **E. C. Pate** and **H. L. Smith** are back from vacations. . . . The sick list includes **G. L. Miller** and **B. G. Hughes**, the latter being hospitalized.

MAINTENANCE

Mechanical Maintenance is mighty happy over the announcement by Mr. and Mrs. Harry Dillehay (she's the former **Barbara Thomas**, of the department) of the birth of a baby girl on March 5. Weighing nine pounds and three ounces on arrival, the young lady was named **Robin Lee**. . . . Sympathy is extended to **J. B. Gray**, whose father died last week. . . . Likewise to **C. A. Barger**, whose brother succumbed a few days ago. . . . Also to **G. M. Renfro**, whose mother-in-law expired recently. . . . Get well wishes go to **R. W. Jenkins**, **C. B. Davis** and **J. R. Carroll**. . . . **W. E. Cunningham** and **M. L. Chandler** have been collecting their modest per diem for doing jury duty.

Electrical Maintenance will miss **Wanda Valentine**, who has left to devote full time to her home and husband. . . . Condolences are extended to **G. D. Smallwood**, whose brother died recently. . . . Get well wishes go to a flock of ailing folks, including **J. W. Rule**, **A. L. Prestwood**, **J. D. Slaughter**, **J. B. Tindell**, **H. R. Loy**, **S. S. Gray**, **R. E. Melton**, **J. M. Sinclair**, **W. L. Johnson**, **R. H. Buchanan** and **W. J. Wanamaker**. . . . Recent word from **Babs Stooksbury**, a former employee in the department, is that she is feeling much better and enjoys being at home after her long siege of illness in Oak Ridge Hospital. She wants to thank one and all for their concern and help during her sickness.

TECHNICAL

He's a glutton for punishment, is **Larry McLaughlin**, of Development Operations. Last week for the fifth time in a month he predicted "the last snow of the season."

FINANCE AND MATERIALS

Plant Records reports **Martha Parks** vacationing this week. Congratulations are extended to **E. W. Cook**, Reproduction, and his spouse on the new addition to their family. A baby girl, **Karen Elaine**, arrived on March 8. . . . Best wishes go along with **Richard Wood**, recently transferred from this department to the Central Reproduction Department at the Oak Ridge Gaseous Diffusion Plant.

The Property folks and a lot of



"WHO'S DOING WHAT TO WHOM?" could be an appropriate title for this picture, but a better one is "Russ Hensley Holds Himself Up." The picture is an excellent example of trick photography—the technique used being explained below.

Y-12er 'Holds Himself Up' For Clever 'Trick' Photograph

Many amateur photographers like to experiment—some call it "just messing around"—with various trick shots, methods of lighting and other picture taking procedures to obtain out of the ordinary results. Russ Hensley, of the Mechanical Engineering Department, has produced a particularly good example of "trick photography" that—although the idea isn't exactly new—was striking in the excellence of the technique and results.

The picture is shown above, and is called "Russ Hensley Holds Himself Up." The technique is that of two exposures on one film with one half exposed at one time and the other half at another.

The Y-12er enlisted the aid of his brother, Roy, who made the picture. The locale was the Russ Hensley living room over in Kingston. A Polaroid camera was used with Type 44 film and natural lights was utilized with no flash used. The light came from two picture windows on each side of the living room.

To get the desired double picture effect, a small box was placed over the camera shutter with a hole the size of the shutter. In making the split picture one half of the hole was covered and one pose of the subject was made. After this shot, Hensley just moved around the table to the other side, the other half of the hole in the box was opened and the second half of the picture was made.

Sounds simple—and it is—but the results obtained certainly were striking.

SHIFT SUPERINTENDENTS AND UTILITIES

The SS group last week warmly welcomed **Irene Reed** to the outfit. She succeeds **Ada Hopkins** as the "good right arm" of SS **Dan Rader**. . . . **Dave Harrigan** is vacationing around his Oak Ridge home.

The **Jones, Jean**, of Utilities, and her husband, **Gordon**, week-ended over in Middle Tennessee with their parents. . . . **C. F. Meadors** spent the past week end visiting kin folks in Williamsburg, Ky. . . . **S. B. McFadden** went up to Ohio to spend some time with relatives. . . . **A. H. Norman**, one of Y-12's most ardent sports fans, attended the high school basketball tournament in Nashville last week. . . . Congratulations go to the **O. M. Blackwells**, who have a new son born March 11. The youngster has been named **William Thomas Blackwell**.

Trying to eclipse his brother's gift of a Cadillac to their mother on her birthday, a business tycoon paid \$10,000 for an amazing mynah bird. The bird spoke 11 languages and sang grand opera.

On the night of the mother's birthday, the donor of the mynah called her long distance. "What did you think of the bird, mama?" he asked.

"Delicious," she replied.

THE KEYS



to a better job



Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

George H. McGrath and **Goebel Hoskins**, Fire and Guard; **Ernest A. Marlar** and **R. C. Melton**, Electrical Maintenance; **Joseph E. Hanna**, Beta Two; **L. A. Walton** and **Bill Tackett**, Buildings and Grounds; **Shirley Forbes**, Safety; **John Paul Smith**, Electrical Engineering; **J. R. Bridges**, Physical Testing; **C. J. Ward**, General Machine Shop; **Tommy Verner**, J. E. Herrin and **Bill Tackett**, Research Services; **Lloyd E. Caldwell**, Material Control; **E. J. Coffman**, Sunflower Shop; **Lee Johnson**, Sunflower Foundry.

Gun Collectors To Meet Saturday In Fountain City

Another swap and viewing meeting will be held by the Smoky Mountain Gun Collectors Association on Saturday night of this week, March 26. The meeting will be at the Fountain City Lions Club building, beginning at 7 o'clock, according to **M. C. Wiest**, of the Y-12 Engineering Division and president of the association. The public is invited to attend the session and take part in the swapping activities of rare and unique firearms.



SHOWN ABOVE IS THE Y-12 RIFLE TEAM, CHAMPIONS OF THE Oak Ridge Sportsmen's Association Winter League. From left in the back row are Harvey Coppock, Jack Huff, Dave DeWalt, Phil Vogelgesang and Ed Brady. In front are Al Blay, Carl Brewster, holding the league championship trophy; and Otey Cottrell. Team members absent when picture was made were W. B. Davis, George Peterson, Bob Powers and Mike Crews. More pictures of the Y-12 riflemen will be published next week.

Y-12 Rifle Team Again Beats ORNL

Winners Exceed 1400 Mark In Scratch Score

The Y-12 rifle team wound up the current season of the Oak Ridge Sportsmen's Association Winter League with a rousing two-point win over their old rivals, the Oak Ridge National Laboratory gunmen. The Y-12ers previously had clinched the loop championship for the second straight year, breaking a four-year span of title-holding by ORNL.

In winning the scratch decision from the Labsters by 1403 to 1389 the Y-12 team achieved the goal of topping the 1400 mark in scoring. This represents an average of better than 280 out of a possible 300 per man. The handicap margin for Y-12 was 1452.409 to 1447.882.

Ed Brady was high gun for the Y-12ers with 284. Jack Huff was right behind with 283. W. B. Davis and Dave DeWalt had 279 each and Carl Brewster posted 278. In handicap scoring for Y-12 it was Harvey Coppock with 292.512, Brady 291.520, Al Blay 290.113, Davis 289.655 and Phil Vogelgesang 288.409. For ORNL J. Eldridge was high scratch man with 287, best score of the night.

Final league standing follows:

Team	W	L
Y-12	33	3
ORNL	27	9
ORGDP	14	22
Independents	0	36

CITY WELL PLANNED

The streets of Grand Rapids, Mich., are reported to be so well-planned that motorists can drive from the center of the city of 181,000 population to the city limits in 10 minutes.

Six Y-12ers Take Course In Weather, But Not To Blame

Six Y-12ers recently have completed a course in weather-forecasting—but in all justice to them, it had not been determined last week how many, if any, had passed their test. So they can't be blamed for the conditions that have existed in these parts during the past several weeks.

The course was presented by the Oak Ridge Power Squadron with Dr. Harry Hubbell, Oak Ridge National Laboratory, as instructor. The Y-12ers completing the course are G. J. Angele, past commander of the OEPS; B. B. Bell, R. E. Hulme, W. H. Rice and Craig Ross; all of the Engineering Division; and Dr. K. S. Lane, Medical.

'Shooters, Masters Win Pistol Matches

The Sharpshooters and Masters teams in the Y-12 Pistol League each won two points in last week's competition. The Sharpshooters topped the Marksmen as Paul Williams outfired T. J. Bush in scratch by 243 to 216 and K. E. Smith led Bush in handicap firing by 281.150 to 276.253. Dave Alford paced the Masters in their win over the Experts by beating E. C. Williams in both scratch and handicap scores with marks of 262 to 215 and 288.148 to 285.244.

League standing follows:

Team	W	L
Sharpshooters	23	5
Masters	15	13
Experts	11	17
Marksmen	7	21

Sincerity is a great virtue, rarely exhibited and seldom appreciated.

Ridge Golfers Set April 27 To Start

Mee Reelected Prexy As Association Forms

With 15 teams of two men each already signed and ready to go, Y-12 golfers in the Oak Ridge area last week became the first sectional group to organize for the coming season.

W. T. "Bill" Mee was reelected president of the Y-12 Oak Ridge Golf Association. J. P. Smith was named vice president and John H. "Tudor" Boyd, Jr., was reelected secretary of the association.

The golfers attending the session last week decided to start the 1960 season on Wednesday, April 27, and to play all matches possible on Wednesdays of each week during the season. However, to accommodate players who may be unable to play on Wednesdays, the group voted to permit matches to be played from any Friday through the following Thursday.

The Oak Ridge Y-12 golfers also decided to operate as one league if no more than 20 two-man teams enter the loop competition. If more than 20 teams enter, two leagues will be formed. During the 1959 season there were two circuits in action.

A deadline of Friday, April 8, has been set for teams to enter the Oak Ridge competition. The original 15 teams entering for the 1960 season are J. H. Boyd, Jr.—George Oliphant, George Mit-



Bill Mee

Reactors Win Basketball Tournament With 41-30 Triumph Over Lab Demons

Y-12ers Gain Sweet Revenge Over ORGDP Five; Beta Four Gave Demons Tough Semi-Final Scrap

The Y-12 Reactors, of the Carbide Basketball League, wrapped up the loop season and won the league tournament with a rousing 41 to 30 triumph over the Oak Ridge Gaseous Diffusion Plant Lab Demons last Thursday night at the Robertsville Junior High School gymnasium. The hard-earned victory came as sweet revenge for the Reactors, who dropped the regular league championship to the Demons in the final tilt of the schedule.

Each Team Lost Once

The loss was the first of the season for the Demons. The Reactors lost only once during the regular season, that one being the title game to the Demons.

In the tournament title clash the Reactors were led by Spud Chandler with 11 points. Lew Fitzgerald, Hardin and Maddux each had eight tallies for the winners. McCall, of the Demons, was high man for the game with 14 points.

Beta Four Battles Demons

Prior to the championship battle, the Demons had a tough time even reaching the finals of the tournament, as they barely beat the Y-12 Beta Four quintet by 45 to 40. In this one the Demons got a 16 to 10 lead at the first rest stop with the Y-12ers outscoring them in the final three quarters. McCall had 16 and Harris 14 points for the Demons while Pugh dunked 13 and Vaughn 11 for the Beta Four outfit.

In the Reactor-Demon clash the Y-12ers bagged 19 field goals to 13 for the losers. The Reactors dropped three charity tosses through the hoops to four for the Demons.

Harriman Golf Loop Will Open April 12

The Harriman Golf League for entrants from all three Carbide plants in Oak Ridge was organized last Thursday at a meeting in Kingston with 12 teams entered to open the season. This successful league only had eight teams competing last season.

Play will begin on Tuesday, April 12, at the Harriman Country Club course. The season will be divided into two halves of 11 weeks each. April 1 is the deadline for any additional teams to enter the league.

Hobey Thomas, Oak Ridge National Laboratory and a former Y-12er, is secretary and only officer of the league.

chel—Nelson Tibbatts, Allen True-E. C. Earley, J. P. Smith-J. E. Bartholomew, O. E. Gilcrease-Earl Crow, Jr., W. E. Belvin-C. C. Hopkins, R. W. Dehoney-R. G. Orrison, H. J. Ratjen-J. D. Davis, B. J. Youngblood-L. E. Burkhart, W. T. Mee-J. D. McLendon, E. F. Gambill-N. E. Hamby, J. Sewell Brown-Roy Roberts, Gentry Underwood-C. L. Matthews, Logan Emet-Art Hines and John Gregory-Joe Kurtz.

Many of these teams played together during the 1959 season and another close race is expected this season.

Many Y-12ers In Carbide Pin Party

Tournament Is Set For April 2-3, 9-10

Y-12 bowlers will be well represented in the All-Carbide tournament to be held on the week ends of April 2-3, 9-10 at the Ark Bowling Lanes, Oak Ridge. The Y-12 Plant will have 21 men's teams and three women's teams entered, 41 pairs of men's doubles and 77 men's singles entries, four groups of women's doubles and eight women's singles.

Of the 21 men's teams in the event, two are pickup outfits and the rest are regular contestants in plant bowling leagues.

All team competition will be staged on the first week end of the tournament with the last two days being devoted to doubles and singles play.

Engineers Oust Sunflower Bowlers From C Loop Lead

By posting a whitewash win of four points over the Knot Heads, the Engineers bowling team of the C League forged to the loop lead on March 14. They deposed the Sunflowers, previous leaders who although taking three points from the Alley Cats, dropped one-half point off the sizzling pace. The Big Five swapped their fourth-place spot with the third-place Par Busters by gaining a three-point win. The SPs hooked the Hookers and Murderer's Row topped the IBMs by the same margin. The Chillers and D Shift rolled to a two-point each deadlock.

Kenneth Pluhar, of the IBMs, took most individual scoring honors with a 232 scratch and 271 handicap game and 656 handicap series. Ray Galford, Sunflowers, had a fine 624 scratch series for best of the night. The Big Five swept the boards in team scoring with scores of 949, 1066, 2680 and 3033.

League standing follows:

Team	W	L
Engineers	32½	11½
Sunflowers	32	12
Big Five	26	18
Par Busters	25	19
Alley Cats	24	20
SPs	20½	23½
IBMs	20	24
Chillers	20	24
Hookers	18	26
D Shift	18	26
Murderer's Row	18	26
Knot Heads	10	34

Avoid "Security Pitfalls."



THESE RAMBUNCTIOUS BOWLING TEAMS IN THE CLASSIC LEAGUE are pictured above. At left is the Markers, bowlers in the usual order from left being Don Troutman, Bob Jago, John Boyd, Jr., J. P.



Smith and J. E. Bartholomew. In the center are the Rebels. Standing are L. H. Freeman, Joe Dunlap, George Riddle and Jack Spears with Arnold Tiller seated at the scoring table. The group on the right is



the All Stars, from left being Bruce Whitaker, Bill Haddix, Tom Pappas, John Perry and Otto Briscoe. The Classic League is staging an extremely tight race.

Bulk Rate
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

UNION CARBIDE NUCLEAR COMPANY

Division of
Union Carbide Corporation
Post Office Box Y
Oak Ridge, Tenn.

RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,
RETURN TO SENDER IMMEDIATELY.

U.S., Canada Show Gains In Population

Nation Increasing 1.7 Per Cent Annually

The United States and Canada each recorded large population gains during 1959—2,900,000 for the U.S. and 400,000 for Canada—it is reported by statisticians of the Metropolitan Life Insurance Co.

The increase brought the total population of the 50 states, including members of the Armed Forces overseas, to 179,250,000 at the end of the year. The nation has added more than 27.5 million people, an average increase of 1.7 per cent annually, since the 1950 census.

Canada has been experiencing a much higher rate of growth—an average of 2.7 per cent annually—and has added almost 3.7 million since 1951 to raise the total population of that country to 17,682,000. Growth in both countries has resulted largely from record high birth levels, the statisticians point out.

Florida led the states in 1959 with a population increase of 5.1 per cent.

Eagles Add Five Points In League

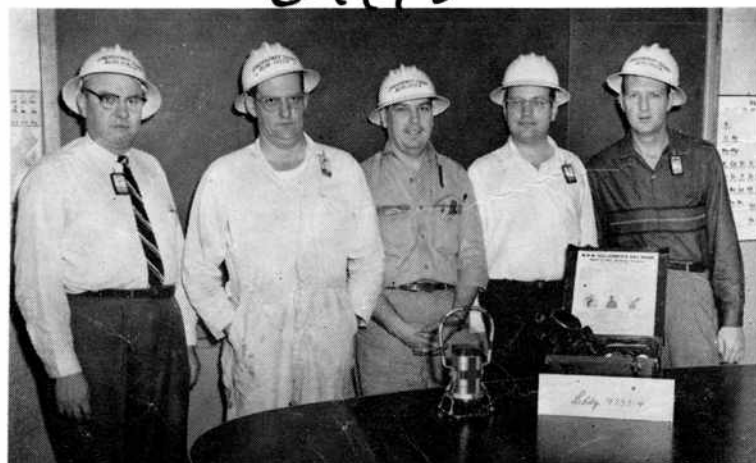
The Y-12 Eagles in the Carbide Volleyball League beat their fellow-plant team, the Hunters two out of three games last week to threaten the loser's hold on third place. The scores were 12-15, 15-9, 15-8. The Hunters lost more ground when the Oak Ridge National Laboratory Set-Ups beat them in three games, 15-7, 15-10 and 15-5. The Set-Ups also got a three-point forfeit from the Oak Ridge Gaseous Diffusion Plant Process Engineers to take over undisputed possession of first place from the idle ORGDP A Shift team. The Eagles added three points by forfeit from the Y-12 C Shift Cats.

League standing follows:

Team	W	L
ORNL Set Ups	18	0
ORGDP A Shift	12	0
Y-12 Hunters	12	4
Y-12 Eagles	11	5
ORGDP Process Engineers	8	7
ORGDP Spikers	8	10
Y-12 C Shift Cats	0	18
ORGDP MIT	0	18

There is no greater satisfaction than parking on what's left of the other fellow's nickle.

6-9475



THE LOCAL EMERGENCY SQUAD IN BLDG. 9733-4, the building's "first line of defense" in case of emergencies, is shown above. From left are L. J. Brady, L. C. Hargis, J. H. Hackney, C. J. Norton and C. L. Moore. E. C. Lynn was absent when picture was made.

Rides Wanted, Offered

Three riders wanted from Central Ave. Pike, near Powell, Knox County, to East Portal, straight day. W. H. Donahue, plant phone 7411, home phone Knoxville WH 7-7021.

Car pool member wanted from Cumberland Estates or Pleasant Ridge Park section, Knox County, to any portal, straight day. E. E. Palmer, plant phone 7-8835, home phone Knoxville 8-1829.

Ride wanted or will join car pool from McClain Road, Norwood, Knox County, to Central or West Portal, B Shift. W. A. Inklebarger, home phone Knoxville MY 1-5992.

Want to join car pool from Fountain City or Halls to West or Central Portal, H Shift. H. W. Dickenson, plant phone 7573, home phone Knoxville MU 7-0625.

Rider wanted from Maryville to any portal, straight day. C. H. Huskey, plant phone 7-8449, home phone Maryville YU 2-1312.

Ride wanted from 4816 Lonas Road, West Knoxville, to Central Portal, J Shift. Charles Gaylor, plant phone 7909, home phone Knoxville 8-5978.

Squadron To Elect Officers Saturday

Election of officers for the coming year will feature the annual meeting of the Oak Ridge Power Squadron set for Saturday night of this week, March 26. The meeting will be at the Oak Terrace, beginning with a dinner at 7:30 p.m. and the business meeting to follow:

The nominating committee has drawn up a slate of officers to submit to the membership. It proposes Richard Lord, Oak Ridge National Laboratory employee in the Y-12 Plant Area for commander; Harry Hubbel, ORNL, vice commander; Richard Hulme, Y-12 Engineering Division, secretary; and Sam DeCamp, ORNL employee in Y-12, treasurer. Nominees for the executive committee are G. J. Angele, Y-12 Engineering Division; William Bonham and Norman Snow, Oak Ridge Gaseous Diffusion Plant; and Walcott Watson, former Y-12er and now an Oak Ridge business man.

WHALE OF A YARN

A recent scientific note reveals that a blue whale can weigh as much as 25 elephants or 150 oxen.

Gillihans Lead Nip And Tucks In Mixed Feature

The Nip and Tucks as a team and its wife-husband pair of Joyce and Charley Gillihan were the



Joyce Gillihan

scores for the men.

In other matches last week the two top teams, Phantoms and Toppers, rolled to a two-point each deadlock to retain their respective positions. The Cool Cats conked the Pin Plasters for three and the Alley Cats treed the Scrappers by the same score.

Joyce Gillihan started out with a 195 scratch game, boosted it to 247 with handicap, registered a fine 496 scratch and 652 handicap series. Her husband had a 230 scratch and 255 handicap game. Roy Seivers, Goofers, had a 570 scratch series for high as was Harold Ratjen's 649 handicap series. In team scoring it was the Nip and Tucks all the way with 773, 927, 1982 and 2444.

Team	W	L
Phantoms	27	13
Toppers	25	15
Cool Cats	25	15
Nip and Tucks	21	19
Goofers	18	22
Scrappers	15	24
Pin Plasters	14	26
Alley Cats	14	26

'Hotel Paradiso' Showing Set For Coming Week End

The second week-end presentation by the Oak Ridge Community Playhouse of the farce "Hotel Paradiso" will be on Thursday, Friday and Saturday of this week, March 24, 25 and 26. The production will be staged at the Playhouse Theater, Jackson Square, with curtain time at 8:30 p.m.

"Hotel Paradiso" is a slapstick comedy in a modern setting and combines all the elements of a TV Western, custard-pie throwing, ghost chasing and other laughable items.

Son Of Y-12er Named Fair Grand Champion

Continued from Page 1

sults of which are expected to be announced within a few weeks. Miss Lawler's brother, Adrian, was a consistent winner in previous Oak Ridge Science Fairs.

DeLong will enroll in the Baylor University Medical School at Waco, Tex., in the fall and hopes to be able to put his research talents to work through employment in some hospital to enable him to help meet expenses.

Adrian Lawler now is attending the University of Rochester, N. Y., on a scholarship following his excellent scholastic record in Oak Ridge.

Several Others Competed

In addition to the two big winners, there were several youngsters of Y-12 parents with projects in the Science Fair at the high school cafeteria. (The Bulletin did not obtain a complete list of other winners last Friday, but hopes to publish a review of the results next week.)

However, a Certificate of Excellence in the physical science division was awarded Steve Breman, son of Phil Breman, of Industrial Engineering, for his project called "Aerodynamic Sound Tunnel." His collaborator was Ned Flack, son of George W. Flack, Superintendent of Industrial Relations. The entire Breman family was on hand to join in congratulating Steve, who has been an entrant in the fair for two years.

Beavers Hold Lead In Bush Pin Loop

The Beavers remained in first place in March 14 bowling of the Bush League of Y-12ers by bouncing the Rollniks for three points. Jumping into second place were the Hi Balls, who downed the Alley Gators for three. The Hot Rodders rolled up the ladder a couple of notches with a similar win over the Lucky Five and the Alley Cats clawed the Nine Pins for a four-point whitewash victory.

Phil Breman, of the Hi Balls, picked up one of those difficult 4-6-10 splits during the session.

League standing follows:

Team	W	L
Beavers	22	10
Hi Balls	19	13
Alley Gators	18	14
Lucky Five	17 1/2	14 1/2
Hot Rodders	17	15
Balls O' Fire	16	16
Alley Cats	15	17
Nine Pins	14	18
Inspectors	12 1/2	16 1/2
Rollniks	6	26

Don't drive too close to the vehicle ahead—"tail-gating" can result in serious accidents.

Smith's 655 Aids Bumpers To Win, Tie For Second

Paced by a sizzling 655 scratch series and a board-sweeping of all individual scoring honors by Clyde Smith, the Bumpers blasted the Tigers for a four-point whitewash win in the Clas-



Clyde Smith

sic League of Y-12 bowlers last week. The victory gave the Bumpers a tie for second place with the Play-

boys, who took three from the Wasps. The Wolves held on to first place with a similar victory over the All Stars.

Smith's maple mauling included a season's high 267 scratch game, boosted to 278 with handicap, and a 688 handicap series in addition to his 655 scratch triple.

In other loop matches the rapidly-rising Rippers whitewashed the Cubs for four, the Screwballs socked the Rebels, the Sportsmen topped the Smelters, the Swingsters socked the Markers and the Has Beens blasted the Eight Balls, all by three points.

The Screwballs had the best team handicap scores of a 1132 game and 3085 series.

League standing follows:

Team	W	L
Wolves	36	8
Playboys	28	16
Bumpers	28	16
Swingsters	26 1/2	17 1/2
Rippers	26	18
Screwballs	23	21
Markers	23	21
Sportsmen	21	23
Rebels	19	25
Smelters	19	25
Cubs	18 1/2	25 1/2
Tigers	18	26
Wasps	17	27
Eight Balls	17	27
Has Beens	17	27
All Stars	16	28

Drive carefully—as if your life depended on it.



..ONLY I HAD BEEN
CAREFUL!